Lecture: MWF 9:10-10:00, A334 Wells Hall
Instructor: Ben Schmidt, D214 Wells Hall, schmidt@math.msu.edu
Office Hours: By appointment.

Recitation: Time and Location T.B.D.
TA: Samuel Lin, C513 Wells Hall, linsamue@msu.edu
Office Hours: T.B.D.

Course Textbook:
(Available for free via SpringerLink)

Additional Reading:
(Available for free via SpringerLink.)

3: An Introduction to Differential Manifolds, by J. Lafontaine.
(Available for free via SpringerLink)

(On Reserve in Math Library)

5: Geometry of Manifolds, by R. Bishop and R. Crittenden.
(On Reserve in Math Library)

(On Reserve in Math Library)

SpringerLink: Follow the Electronic Resources link at www.lib.msu.edu. Type SpringerLink in the Databases search.

Content: We’ll attempt to cover most of the content from Chapters 1-3, 5, and 6 of Tu’s text.

Homework: Homework will be assigned and collected approximately weekly.

Exams:
Take Home Midterm - October 26-November 2
Final Exam: December 17, 7:45-9:45 a.m.

Grades: Homework 30%, Midterm 30%, Final 40%. The course grade will be no worse than: <50% - 2.5, 50-60% - 3.0, 60-75% - 3.5, 75-100% - 4.0.
Prerequisites:
Basic real analysis of maps between Euclidean spaces, basic linear algebra, and basic point set topology. The point set topology will not be needed until Chapter 2 of Tu’s text – the requisite material can be learned from his appendix or from Hatcher’s:


Important Dates:
9/02: Classes begin.
9/07: Labor Day – University closed.
9/09: Online open add period for fall semester ends at 8pm.
9/10 to 9/16: Math enrollment changes made at C212 Wells Hall.
9/28: End of 100% tuition refund.
10/21: Last day to drop the course without a grade being reported.
11/26 to 11/27: Thanksgiving break.
12/11: Last day of classes.